

General Notes:

Design Specifications:

AASHTO 2002 17th Edition

Design Loading:

1993 Missouri Posting Loads (H20 & SS2)
No Future Wearing Surface

Design Unit Stresses:

Structural Carbon Steel $F_y = 36,000$ psi (New Steel)
 Exist. Steel $F_y =$ psi
 Working Stress Design = 88% of F_y (Existing)

Paint:

Calcium Sulfonate (2 coats)

Old and New Work:

Outline of old work is indicated by light dashed lines.
Heavy lines indicate new work.

Dimensions:

Longitudinal dimensions are based on the original design plans.

Traffic:

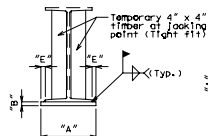
Maintain one lane of traffic during construction (see Roadway Traffic Control Plans).

Stringer Support:

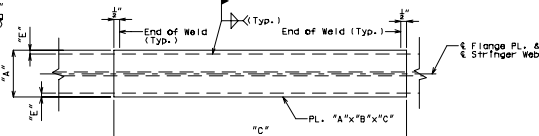
All existing stringers in the span being strengthened shall be raised simultaneously * at jacking point and supported during welding of new steel plates.

The temporary supports must be capable of safely supporting a service load of approximately ** tons per stringer (factor of safety not included) (see Special Provisions).

TYPICAL ELEVATION OF STRINGER
Spgn () & ()



SECTION THRU STRINGER



DETAIL OF FLANGE PLATE

[illegible]

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of

COUNTY

Date: / /

d5_wf_strength.dgn

CREATED IN
MICROSTATION

REPAIRS TO
BRIDGE OVER

STATE ROAD FROM
ABOUT

PROJECT NO.

JOB. NO.

STA.
RTE.

COUNTY

Date: / /

WID 5